

[Name of Document] Abstract

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A low consumption power is realized in a communication type that a ratio of transmission between 5 apparatus limited to a relatively short distance occupies most of communications.

Upon reception of transmission data constituted of a bit series, a wireless transmission module unit performs an on/off operation of an antenna switch connected to an antenna, 10 in accordance with a bit image of the transmission data, and transmits, by a back scattering scheme, the transmission data as reflected radio waves of radio waves from a transmission destination generated by a change in an antenna load impedance. The antenna switch is generally made of a gallium arsenide 15 IC, its consumption power is several 10  $\mu\text{W}$  or less, and it becomes possible to realize ultra low consumption wireless image transmission.

[Selected Drawing] Fig. 1